

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Forestry and Wildlife
Honolulu, Hawaii 96813

August 12, 2010

Chairperson and Members
Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Land Board Members:

SUBJECT: REQUEST APPROVAL TO ISSUE AN INVITATION FOR BID AND
AUTHORIZE THE CHAIR TO AWARD AND EXECUTE A
CONTRACT FOR FENCE INSTALLATION AT KANAIO NATURAL
AREA RESERVE, TMK (2) 1-003-054, (2) 1-003-050, DISTRICTS OF
MAKAWAO AND HANA, MAUI

This Board Submittal requests approval to issue an Invitation for Bid (IFB) and authorize the Chair to award and execute a contract for fence installation at Kanaio Natural Area Reserve (NAR). Fencing will protect dry forest and rare and endangered native species from the negative impacts of feral deer, goats and pigs.

BACKGROUND

The Final Environmental Assessment for Kanaio fence installation was published in the OEQC bulletin November 2003 with a Finding of No Significant Impact. The first phase of fencing was completed, and this IFB is to complete installation of the second phase of fencing. Project funding was obtained from U.S. Fish and Wildlife Service (Cooperative Agreement #122009J012 - Kanaio NAR Dry Forest Protection and Restoration). The contract will be awarded based on the lowest qualified bidder for fence installation.

RECOMMENDATION:

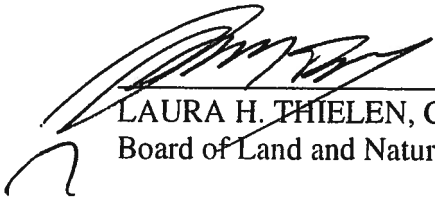
That the Board approve the issuance of an IFB for Kanaio NAR fence installation and authorize the Chair to award and execute a Contract for Goods and Services, subject to availability of funds, approval as to form by the Attorney General's Office, and other terms and conditions as may be prescribed by the Chairperson to best serve the interests of the State.

Respectfully submitted,



PAUL J. CONRY, Administrator
Division of Forestry and Wildlife

APPROVED FOR SUBMITTAL:

A handwritten signature in black ink, appearing to read 'Laura H. Thielen', is written over a horizontal line.

LAURA H. THIELEN, Chairperson
Board of Land and Natural Resources

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Maui Notices

NOVEMBER 23, 2003

Final Environmental Assessments/Findings of No Significant Impacts (FONSI)

(1) Kanaio Natural Area Reserve National Resources Conservation Project

District: Makawao and Hana
TMK: 2-1-003-054, 2-1-003-050, 1-9-001-006
Applicant: Department of Land & Natural Resources
Division of Forestry & Wildlife
1151 Punchbowl Street, Room 224
Honolulu, Hawai'i 96813
Contact: Christen Mitchell (587-0051)

Approving Agency/Accepting Authority: Same as above.
Status: FEA/FONSI issued, project may proceed.
Permits Required: BLNR Approval, Grubbing, Grading

The Hawai'i Department of Land and Natural Resources, Division of Forestry and Wildlife, Natural Area Reserves System, in a cooperative effort with the US Fish & Wildlife Service and Ulupalakua Ranch, proposes to install ungulate-proof fencing at Kanaio Natural Area Reserve (NAR) on the island of Maui.

Introduced ungulates — such as deer, pigs, goats, and cattle — are one of the most significant threats to the continued survival of native species and ecosystems that Kanaio NAR was established to protect. Feeding and trampling by ungulates destroy individual plants and damage native forest systems by destabilizing soils, hastening erosion, and facilitating weed invasion.

The project involves fence construction in two phases to create a large ungulate free area. Phase I requires 5.25 miles of fencing to enclose approximately 850 acres. In Phase II, an additional 3.75 miles of fence is proposed to enclose approximately 400 acres nominated for addition to the existing Natural Area Reserve adjacent to Phase I. The proposed fencing will protect dry forests and shrublands, and a unique assemblage of native plants and animals, including rare and

endangered species, from further damage caused by non-native ungulates. The fencing will also provide a protected area for future restoration efforts.

Potential impacts include soil disturbance along the fenceline, damage to common native plants, increased risk of wildfire, and effects on rare and endangered plant and animal species, cultural resources, and visual resources. Impact mitigation measures include conducting expert surveys of the fence route to ensure that no biological or cultural resources (including lava tubes) are within the fence clearing corridor, taking preventive action to decrease the potential for accidental introduction of non-native species, implementing weed control to reduce fire threat, and aligning the fenceline to minimize visual impact from Highway 31.

Final Environmental Impact Statement

(2) Upcountry Town Center (Revised)

District: Makawao
TMK: 2-3-07:08